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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	00770,949 10/648,619
		Filing Date	January 26, 2001
		First Named Inventor	
		Group Art Unit	4042 1649
		Examiner Name	
Sheet 1 of 6	Attorney Docket Number	02307G-054130US	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
50	AA	US 5,231,001	A	Kaplan, et al.	07-27-1993	
11	AB	US 5,753,225	A	Clary, et al.	05-19-1998	
11	AC	US 5,877,305	A	Huston, et al.	03-02-1999	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
50	AD	EPO	92/16559	A1	The United States of America, Secretary	10-01-1992		
11	AE	EPO	WO 92/18149	A1	Regeneron Pharmaceuticals, Inc.	10-29-1992		
11	AF	EPO	0471205	A1	E.R. Squibb & Sons, Inc.	02-19-1992		

Examiner Signature	Stephen Buckle	Date Considered	8/6/07
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO		Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/770,949 10/648,619
		Filing Date	January 26, 2001
		First Named Inventor	
		Group Art Unit	4642 1649
		Examiner Name	
Sheet 2 of 6	Attorney Docket Number	02307G-054130US	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T 2
SE	AG	Alberts, <i>et al.</i> "Molecular Biology of the Cell" <i>Garland Publishing Inc. (N.Y)</i> (1989), pp. 333-334.	
11	AH	Barde, Y.A., "Tropic Factors and Neuronal Survival" <i>Neuron</i> . (1989) Vol. 2, pp. 1525-1534.	
11	AI	Barker, <i>et al.</i> "The Nerve Growth Factor Receptor: A Multicomponent System that Mediates the Actions of the Neurotrophin Family of Proteins" <i>Molecular and Cellular Biochemistry</i> (1992) Vol. 110, p. 1-15.	
11	AJ	Bolhuis, <i>et al.</i> "Functional Expression of a Single Chain Fv/γ Receptor with Renal Cell Carcinoma Specificity in Activated Human PBL" <i>Third Meeting of the European Working Group of Human Gene Transfer and Therapy, Barcelona, Spain</i> (November 17-20, 1995) <i>Gene Therapy 2 (Suppl. 1):S21</i> ISSN: 0969-7128.	
11	AK	Bolhuis, <i>et al.</i> "ScFv/gamma Antibody Receptors on Human Cytotoxic T Lymphocytes (CTL) Bind Antigen, Transduce Activation Signals and Respond to Co-regulatory Signals" <i>Joint Meeting of the American Academy of Allergy, Asthma and Immunology, the American Association of Immunologists and the Clinical Immunology Society San Francisco, California, USA</i> (February 21-26, 1997) <i>J. Allergy Clin Immunol</i> 99 (1Pt2):S116, 1997 ISSN: 0091-6749.	
11	AL	Casten, <i>et al.</i> "Anti-immunoglobulin Augments the B-Cell Antigen-presentation Function Independently of Internalization of Receptor-Antigen Complex" <i>Proc. Natl. Acad. Sci. USA</i> (September 1985) Vol. 82, pp. 5890-5894.	
11	AM	Collazo, <i>et al.</i> "Cellular Targets and Trophic Functions of Neurotrophin-3 in the Developing Rat Hippocampus" <i>Neuron</i> (October 1992) Vol. 9, pp. 643-656.	
11	AN	Cordon-Cardo, <i>et al.</i> "The <i>trk</i> Tyrosine Protein Kinase Mediates the Mitogenic Properties of Nerve Growth Factor and Neurotrophin-3" <i>Cell</i> (1991) Vol. 66, pp. 173-183.	
11	AO	Drebin, <i>et al.</i> "Down-Modulation of an Oncogene Protein Product and Reversion of the Transformed Phenotype by Monoclonal Antibodies" <i>Cell</i> (July 1985) Vol. 41, pp. 695-706.	

Examiner Signature	<i>Stephen Guoke</i>	Date Considered	8/6/07
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Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 3 of 6

Complete If Known

Applicati n Number	<u>08/770,940-10/648,619</u>
Filing Date	<u>January 26, 2001</u>
First Named Inventor	
Group Art Unit	<u>1042-1649</u>
Examiner Name	
Attorney Docket Number	<u>02307G-054130US</u>

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<u>SB</u>	AP	Eager, K. "Molecular Characterization of Human <i>trk</i> Proto-oncogene product Monoclonal Antibodies" <i>Onc.</i> (May 1991) Vol. 6(5), pp. 819-824.	
<u>(</u>	AQ	Eide, <i>et al.</i> "Neurotrophins and Their Receptors- Current Concepts and Implications for Neurologic Disease" <i>Exp. Neurol.</i> (1993) Vol. 121, pp. 200-214.	
<u>(</u>	AR	Fan, <i>et al.</i> "Regulation of Epidermal Growth Factor Receptor in NIH3T3/HER14 Cells by Antireceptor Monoclonal Antibodies" <i>J. of Biological Chemistry</i> (October 1993) Vol. 268 (28), pp. 21073-21079.	
<u>(</u>	AS	Fraser, <i>et al.</i> "TCP-11, the Product of a Mouse <i>t</i> -complex Gene, Plays a Role in Stimulation of Capacitation and Inhibition of the Spontaneous Acrosome Reaction" <i>Molecular Reproduction and Development</i> (1997), Vol. 48, pp. 375-382.	
<u>(</u>	AT	Greene, <i>et al.</i> "Establishment of a Noradrenergic Clonal Line of Rat Adrenal Pheochromocytoma Cells Which Respond to Nerve Growth Factor" <i>Proc. Natl. Acad. Sci. USA</i> (1976) Vol. 73, pp. 2424-2428.	
<u>(</u>	AU	Goroff, <i>et al.</i> "Participation of IgGFe Receptor (FeyR) in <i>in vivo</i> B-cell Activation by a Monovalent Anti-IgD Antibody (Ab) Fragment" <i>Fed Proc</i> (1987) Vol. 46(4), pp. 1204.	
<u>(</u>	AV	Hanks, <i>et al.</i> "The Protein Kinase Family: Conserved Features and Deduced Phylogeny of the Catalytic Domains" <i>Science</i> (1988) Vol. 241, pp. 42-52.	
<u>(</u>	AW	Holzer, <i>et al.</i> "A Fusion Protein of IL-8 and a Fab Antibody Fragment Binds to IL-8 Receptors and Induces Neutrophil Activation" <i>Cytokine</i> (March 1996) Vol. 8(3), pp. 214-221.	
<u>(</u>	AX	Holtzman, <i>et al.</i> "p140 ^{trk} mRNA Marks NGF-Responsive Forebrain Neurons: Evidence that <i>trk</i> Gene Expression is Induced by NGF" <i>Neuron</i> (1992) Vol. 9, pp. 465-478.	
<u>(</u>	AY	Hosang, <i>et al.</i> "Molecular Characteristics of Nerve Growth Factor Receptors on PC12 Cells" <i>J. Biol. Chem.</i> (1985) Vol. 260, pp. 655-662.	
<u>(</u>	AZ	Hutton, <i>et al.</i> "Expression of p75 ^{NGFR} TrkA and TrkB, mRNA in Rat C6 Glioma and Type I Astrocyte Cultures" <i>J. of Neurosciences Research</i> (1992), Vol. 32, pp. 375-383.	

Examiner Signature	<u>Stephen Guse</u>	Date Considered	<u>8/6/07</u>
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		Applicati n Number	00776,949 / 10/648,619
		Filing Date	January 26, 2007
		First Nam d Inventor	
		Group Art Unit	1042 1649
		Examiner Name	
Sheet	4	of	6
		Attorney Docket Number	02307G-054130US

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-Issue number(s), publisher, city and/or country where published.	T ²
g	AAA	Jing, <i>et al.</i> "Nerve Growth Factor Mediates Signal Transduction Through <i>trk</i> Homodimer Receptors" <i>Neuron</i> . (1992) Vol.9, pp. 1067-1079.	
ll	AAB	Johnson, <i>et al.</i> "Expression and Structure of the Human NGF Receptor" <i>Cell</i> (1986) Vol. 47, pp. 545-554.	
ll	AAC	Kaplan, <i>et al.</i> "The <i>trk</i> Proto-Oncogene Product: A Signal Transducing Receptor for Nerve Growth Factor" <i>Science</i> (1991) Vol. 252, pp.554-558.	
ll	AAD	Kaplan, <i>et al.</i> "Tyrosine Phosphorylation and Tyrosine Kinase Activity of the <i>trk</i> Proto-oncogene Product Induced by NGF" <i>Nature</i> (1991) Vol 350, pp. 158-160.	
ll	AAE	Klein, <i>et al.</i> " <i>trkB</i> , A Novel Tyrosine Protein Kinase Receptor Expressed During Mouse Neural Development" <i>Embro. J.</i> (1989) Vol. 8(12), pp. 3701-3709.	
ll	AAF	Klein, <i>et al.</i> "The <i>trk</i> Proto-oncogene Encodes a Receptor for Nerve Growth Factor" <i>Cell</i> (1991) Vol. 65, pp. 189-197.	
ll	AAG	Knusel, <i>et al.</i> "K-252 Compounds: Modulators of Neurotrophin Signal Transduction" <i>J. of Neurochemistry</i> (1992) Vol. 59, pp. 1987.	
ll	AAH	Korsching, S. "The Neurotrophic Factor Concept: A Reexamination" <i>Neurosci.</i> (1993) Vol. 13, pp. 2739-2748.	
ll	AAI	Lamballe, <i>et al.</i> " <i>trkC</i> , A New Member of the <i>trk</i> Family of Tyrosine Protein Kinases, Is a Receptor for Neurotrophin-3" <i>Cell</i> (1991) Vol. 66, pp. 967-979.	
ll	AAJ	Levi-Montalcini, R. "The Nerve Growth Factor 35 Years Later" <i>Science</i> (1987) Vol. 237, pp. 1154-1162.	
ll	AAK	Loeb, <i>et al.</i> "NGF and Other Growth Factors Induce an Association Between ERK1 and the NGF Receptor, gp140 ^{prototrkr} " <i>Neuron</i> (1992) Vol. 9, pp. 1053-1065.	
ll	AAL	Martin-Zanca, <i>et al.</i> "Molecular and Biochemical Characterization of the Human <i>trk</i> Proto-Oncogene" <i>Mol. Cell. Biol.</i> (1989) Vol. 9, pp. 24-33.	
ll	AAM	Martin-Zanca, <i>et al.</i> "Expression of the <i>trk</i> Proto-Oncogene is Restricted to the Sensory Cranial and Spinal Ganglia of Neural Crest Origin in Mouse Development" <i>Genes Dev.</i> (1990) Vol. 4, pp. 683-694.	

Examiner Signature		Date Considered	8/6/07
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26	AAN	Meakin, et al. "Molecular Investigations on the High-Affinity Nerve Growth Factor Receptor" <i>Neuron</i> (1991) Vol. 6, pp. 153-163.	
11	AAO	Middlemas, et al. "trkB, a Neural Receptor Protein-Tyrosine Kinase: Evidence for a Full-Length and Two Truncated Receptors" <i>Mol. Cell. Biol.</i> (1991) Vol. 11, pp. 143-143.	
11	AAP	Obermeier, et al. "Tyrosine 785 is a Major Determinant of Trk- Substrate Interaction" <i>Embro. J.</i> (1993) Vol. 12, pp. 933-941.	
11	AAQ	Ohmichi, et al. "Nerve Growth Factor Binds to the 140 kd trk Proto-Oncogene Product and Stimulates its Association with the src Homology Domain of Phospholipase C γ 1" <i>Biochem. Biophys. Res. Commun.</i> (1991) Vol. 179, pp. 217-223.	
11	AAR	Ohmichi, et al. "Activation of Phosphatidylinositol-3 by Nerve Growth Factor Involves Indirect Coupling of the trk Proto-Oncogene with src Homology 2 Domains" <i>Neuron</i> (1992) Vol. 9, pp. 769-777.	
11	AAS	Persson, et al. "Role and Expression of Neurotrophins and the trk Family of Tyrosine Kinase Receptors in Neural Growth and Rescue After Injury" <i>Current Opinion in Neurology and Neurosurgery</i> (1993) Vol. 6, p. 11.	
11	AAT	Pulido, et al. "Dtrk, A Drosophila Gene Related to the trk Family of Neurotrophin Receptors, Encodes A Novel Class of Neural Cell Adhesion Molecule" <i>Ebro</i> (1992) Vol. 11, pp. 391-404.	
11	AAU	Radeke, et al. "Gene Transfer and Molecular Cloning of the Rat Nerve Growth Factor Receptor" <i>Nature</i> (1987) Vol. 325, 593-597.	
11	AAV	Radeke, et al. "Analytical Purification of the Slow, High Affinity NGF Receptor: Identification of a Novel 135 kd Polypeptide" <i>Neuron</i> (1991) Vol. 7, pp. 141-150.	
11	AAW	Ringden, et al. "Mitogenic Properties of Fab and F(ab') ₂ Fragments of Rabbit Anti-Human β_2 -Microglobulin for Human Lymphocytes" <i>J. Immunol.</i> (1977) Vol. 6, pp. 281-289.	
11	AAX	Schechter, et al. "Novel Roles for Neurotrophins are Suggested by BDNF and NT-3 mRNA Expression in Developing Neurons" <i>Cell</i> (1981) Vol. 24, pp. 867-874.	

Examiner Signature	Stephen Gucke	Date Considered	8/6/07
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SG	AAV	Schechterson, et al. "Novel Roles for Neurotrophins are Suggested by BDNF and NT-3 mRNA Expression in Developing Neurons" <i>Neuron</i> (1992) Vol. 9, pp. 449-463.	
11	AAZ	Schneider, et al. "A Novel Molecular Mosaic of Cell Adhesion Motifs in the Extracellular Domains of the Neurogenic <i>trk</i> and <i>trkB</i> Tyrosine Kinase Receptors" <i>Oncogene</i> (1991) Vol. 6, pp. 1807-1811.	
11	AAAA	Schodin, et al. "Binding Affinity and Inhibitory Properties of a Single-Chain Anti-T Cell Receptor Antibody" <i>The J. of Biological Chemistry</i> (December 1993) Vol. 268(34), pp. 25722-25727.	
11	AAAB	Steele-Perkins, et al. "Insulin-mimetic Anti-insulin Receptor Monoclonal Antibodies Stimulate Receptor Kinase Activity in Intact Cells" <i>J. Biol. Chem.</i> (June 1990) Vol. 265(16), pp. 9458-9463.	
11	AAAC	Sutter, et al. "Nerve Growth Factor Receptors" <i>J. Biol. Chem.</i> (1979) Vol. 254, pp. 5972-5982.	
11	AAAD	Vetter, et al. "Nerve Growth Factor Rapidly Stimulates Tyrosine Phosphorylation Phospholipase C-γ1 by a Kinase Activity Associated with the Product of the <i>trk</i> Proto-oncogene" <i>Proc. Natl. Acad. Sci. USA</i> (1991) Vol. 88, pp. 5650-5654.	
11	AAAE	Weskamp, et al. "Evidence that Biological Activity of NGF is Mediated Through a Novel Subclass of High Affinity Receptors" <i>Neuron</i> . (1991) Vol. 6, pp. 649-663.	
11	AAAF	Wheeler, et al. J. "Spatiotemporal Patterns of Expression of NGF and the Low-Affinity NGF Receptor in Rat Embryos Suggest Functional Roles in Tissue Morphogenesis and Myogenesis" <i>Neurosci.</i> (1992) Vol. 12, pp. 930-945.	
11	AAAG	Wyatt, et al. "Expression of the NGF Receptor Gene in Sensory Neurons and Their Cutaneous Targets Prior to and During Innervation" <i>Neuron</i> . (1990) Vol. 4, pp. 421-427.	
11	AAAH	Xie, et al. "Direct Demonstration of MuSK Involvement in Acetylcholine Receptor Clustering Through Identification of Agonist ScFv" <i>Nature Biotechnology</i> (August 1997) Vol. 15, pp. 768-771.	

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